Avation Jevs MOGRAW-HILL PUBLISHING COMPANY, INC. MOVEMBER 13, 1944



New Experimental Army Glider: This unusual flight view shours the CG-16, a glider of experimental design having a large pupload but limited cargo space. It resulted as part of the study which has been made to determine the limit in size for tactical usefulness of gliders and until now has been on the restricted list.

Technical Rules Accord Looms as First Fruit of Parley
Political and economic fencing centers around
Anglo-Canadian plan for international authority

Anglo-Canadian plan for international authority and U. S. bilateral agreement proposal....Page 7 Magnitude of Scrap Problem Reveals Need for Plan

Federal Works Agency Takes Hand in Port Planning White House, Budget Bureau and Army and Navy also expected to play important roles in development of fields throughout country... Page 27 Standard & Poor's Sees "Big 4" Dominating Airlines Smaller units, such as PCA, National, Northwest and Northeast also are "destined for an expanded role," investment advisory group says. Page 51

Navy Expected to Extend Use of Incentive Contracts
Only four for aircraft have been completed but
saving of \$208,000,000 and \$37,000,000 extra profits
by companies make wider use likely......Page 47

Liberalize Schedule, Non-Schedule Flying Insurance Full coverage allowed for first time without pay-



must be raid, held the america tast without yield or webbling. Because Moestin combines managers strength with high weight, it is now used in the settents means of Navy Grunnars planes. MICARTA has high disloctor strength . . . sited for that town of meanced usering succlearing strength.

MICARTA weight approximately one-half as much as storistion of equal strength, being eliminate superfluorate weight in the plane.

MICARTAS tendle strength mercages as temporature decrease—an important factor in high-aditude flying.

MICARTA can be moided to best away design ... cropince construction.

Micaetti's unusual combination of characteristics has been the besis for the redesign of many arrant picts. If you are backing for lighter weight, high strength and numbers to week said occupant,









THE AVIATION NEWS

Washington Observer

TOKYO JITTEES — Even reconnaisonous flights have their effect on Jupas. Not only is time lost in Interies as a time when high expasity output is hold yital because of recent lastes, but defenses legically must be shifted after every interide flight, and inevitably the punc potential will go up.

MAMING A TROPITY—The envirolite Color Freedy will ensure at its not presentables in full sceneral color elevate and in color procession for the Trophy, unbenderive scores capity (Critically and Color of the Color

appears now that the me-cuit continue that is, and the fine-cuit continue that the me-cuit continue that the fine-cuit is not continue to the fine-cuit is not continue to the fine-cuit in some cast for a body of the continue to the cuit in the cuit is not continue to the continue to the cuit in the cuit is not continue to the cuit in the cuit in the cuit is not continue to the cuit in th

comiderable speculation, but that it couldn't burt and that it might help to some exicut.

CONTRACT TERMINATION — Contenue vector in one selectal measurement contenues to record the selectation configuration of the industry's viewpost to termination procedure—that is, feverity respirations conduct was been preprocustate on others was been contenued to the contenue of the contenue to reminister of the contenues of t

INSURANCE BATES—Ulmination al entrprenant like insurance rates for sidility assengers and lowering of avaition occupational premisers by Connection Georgest IIIe Insurnee Co., detailed in this issue of Aviation News, is only the first in a series of insurance revisions to be expected. Aviation has corract recognition, and it will be pleaning in the relation of the company with long aviation experience has much the first nound steps to preparations has much the first nound steps to preparations has much the first nound steps to pre-

EXIT CLAYTON—Fring a voluntaneous report by Surplus Property Administrator W. L. Clayton last week presaged early appointment of the new Surplus Property Sourd Clayton has been stoying on until after election when

Manter SSM Manner in an artisted toke-off or Doctor home



AVIATION NEWS . November 13, 1944



Guibernes Space Heating Units

GUIBERSON DIESEL

ENGINE COMPANY

PRECISION BUILT Bros Species Perts et all Kuds Shart Mate: Acces

Play Treet Supports For Walls Assistery Seats Acception School Medicine Interest Medicine Letter Medicine

Casts Figh Al-Crede Feeting

Hydrocks Brannelly Cidenter Blogs (III investing white.

CORPORATION TACH

Description of the party of the

Washington Observer

see beginning to feel the funding of American provided to the building let-provide fighters who have a strong feeling that the British are prelonged secreey on this job. They believe. according to current Washington reports, that no let webbyley that will show the scene of American reserves and nonibly overshadest

OTHERS IN ADDITION TO BELL-Aude from the Boll project, and detracting nothing from their work, there has been no disclosure

Aureralt industry flutz engineers and CAA offition changes. Problem of futigue loads in fight is increasingly suportiest. A separate meeting

Little doubt now recount that Pra American's sets operation are out of production, the Secu-Dougles officials appear to held little hope that the Army will marrow at this time its occount Agrolanc Techgual Connection of ACCA has rec-

report detailed history of Clayton's anoncy

machinery set up in the SPB law. A great many shie men will leave with Chytan, others may

in Washington that President Bannevell, with his great sense of history and the niche he will

nalifical and regional complerations to not tonnotch men in office to hundle heardston of he remove for Persident for the next face years and that is somethere to remember in all has actions from taday on that he will have trouble cettiar the read were

several corneanes, and Alfredo de los Bros o

The Nevy has ruled out naming its version of

PA U S Conference of Mayors through Paul

biliums retorest in Letter

Herry Kright, Weshington

stay to see what happens.



"COMING EVENTS CAST THEIR SHADOWS . . . "

Over bosy cities . , inclustrial scenes . . nolling farm country . . . wild, wooded revious. sights . . . as heliconeers take their place in belacopers advances in desire and in performance see not available to the public . . . but the progress made during the war, under Government apossorshap, promises a pracing abilities, freeing it from aircort fiction poor. Keller's experienced engineers and

grey algorith conventional sixceft, in the

SEND FOR INTERESTING BOOKLET Questions" Kellett Aircraft Composition, Dept. N. Upper Dudw (Philadelphia), Pa.

Accord on Technical Rules Looms As First Fruit of Chicago Parley

Political and economic funcing centers around Anglo-Canadian plan for all-powerful international authority and U. S. proposal for bilarcial agreements, confining scope of world control body to technical field.

THE MIDITIN MICKEL

neurosition whose adoption would But rules for international franci have little ourpose unless such firshook down into definite issues, was the political and economic fec-Diplomatic Fencing-As the diplocatic eyes and take rescreded of a minumen body of rules. emerged. Here it was similared

gumments, customs procedure, A Technology-Deposite the endings total that form! technical constructters, a tougher task was at hand former in the lower of the internaturnal air convenius body 21 nadans, and later the Later. cited, some one would have to

visid There were some of lookeydelinested schools of thought Oge is the American view. whose supporters hald it would

British elained no moor differen under the same conditions eventually to be imposed by an within that sursidiction. Organizate ferred an educational posblem. Marin American Appropriation outhority, draw back slightly from

Air Sovereignty

An interesting contrast key on the viewsage from which conferring melians at the Chipawe "outgoing sonouth" about what other continues they can by in while many smaller ma-

determine what other com-American experts present such schools as arrest facilities, rales Rouge proposals have been of the air air traffic control, airmade by gravial nations and the earliest were the United States, which was first. The Poland was expected to the fav and a bidl to six milline Pales in that country.

Coverettee resection of the New

craft and operate prescribed at-French to mantee! that such a corea might live so a test arrangemail only. This proposal was our early by named a serciary of ed to it in the purely technical finding," with power to being to-

AVIATION NEWS . Number 13, 1944





Charles Walserton and Mayor F H. LaGuardia



routes was patiened in the White operated with a payload of more Denisors Plen - Carada pro-

countries passible solutions to air gineal boards, beyoder than that the British Empire plan, as the

in Chicago to discuss bilateral

agreements would be reached be-Flying Wing Glider Post-War Prospect Experimental Hawley Bowley

expected to be used at this war lieved likely for peaceuse com-

Flaterested duPont - The late boom "fying wing daugn" glader

Conference Highlights

. The "prototype of the Chicago Unried States syntian huters

Caro, manufacturer and lower of *Restricted-The CG-16 protured hely It is the CG-10A a deserve each or man or other cargo. Glider developed to explore the feasibility

Bowles "Pod" single-piece creft psyload of any glicks thus fel sn-

Liberalize Insurance on Schedule And Limited Non-Schedule Flying

Full coverage allowed for first time without payment of extra premium under new provision put into effect by Conn. Georgi.

assessimately one - fourth Disability waver and double inden-

Foregony-Owned Phases-Comshowing in extended use of comtions are given the benefit of new

The move came as a surprise both to the air industry and to the

tion risks but the Connecticut New Bates-Perticularly street,

Unlimited scheduled air trans- airline and other polots, and powate coverage without payment of extra of \$25,000 at an extra premium peres with \$10 a thousand previsually quoted by Connecticut

AVIATION CALENDAR

N. Josef of Directors, Radical Arm. soly Assession Balvon Trever Edde, Union City. New Holl-Wissensk Fathers Apparells Assessment, Astron. Meeting Different Entil Galatums City. New Hollstonia Gine of Tomories Avis. ten Fasting Shahren Chy.

10-2-Al-Transport Englanding Herng Kanasi City Series Soliday of Arts.
mellon Engenera, Hold Continued Kan-No. City Mt.
No. State of Manager, National Street, March Street, March Manager, Martine of Street, March Manager, Martine of Street, March March Manager, March Manager, March Manager, March Manager, M Leshapin, N. T.

a. H. Hir. Adv. Traille Conference, Certimo,
Black Richtspan, D. C.

b. M. Anthologian, D. C.

b. M. Anthologian, D. C.

conference of the New Stew 1 - Assertes Marketha Assert-

Non-derived Annual Meeting Artistic for Jefferger Best, in Associa-tor, Jefferger Best, in Associa-

Dec 18-08-Flort Gallerich Artistics Conference Enforced Economic Holes, Marin meet CAST
Dre Lin-Constean Adversit Traffic Managem
Streing Metalenal
Dan, El-Wright Revolucy Income Indigets
of Arrentzianal Enterior Management Alta-dAS Assail Morting and oug-Jan 1994 9-110 Around Montley, Inch.

other companies. This rate in-000 in maurance with an extra

Promisms -- Persons Sying as passengers in non-schooluled oper-1844 - Deard of Generalis, Quiet Blobwhich case \$50,000 is allowed. An heart \$25,000. Less than 25 bears

> year, large \$35,000, anyeal extra 209 hours Tirelt \$10,000, annual

NEW GLIDER TYPES RESULTING FROM AAF EXPERIMENTATION:

esperamental glider with heavy pupload, but limited

burber ratus, who have had at per thousand for less then 400 hours solo experience. ST 50 shove should keep made with the truly 400 hours: 75 to 124 hours. \$25.- extraordinary advents made in 199, limit \$25,600, 515 and 512.80; and 280 and over, kept \$35,000. FStudent Pilots-Limit on student milets as \$10,000, for which an an-Standardize Wiring

dastees will, the company says, be considered only with a partial aviation exclusion rider. Military colots will be considered for \$10.scheduled flight pessengers paying by assation. Whether must with

American planes now mount sockthe transport field, were gratified unit.

Cancellations Reveal Termination Trends Existence of two experimental fighers also disclosed in an

nouncement of contract changes. Trend of sircraft contract terlance has more than justified our

used to other planes as soon as denien changes can be made, and the Curtue-Wright YP-91E, an exwill be standard for all types in perimental, fast, buth altitude firhter. Two were opplyacted for The system, in addition to standardenne ologe werner, will make Done Feel Tanks-Street in velocinat of places was exped-

> These were Toques Store Co., Mrriso, O. P-31, P-47, P-51 -

Seventy-five railen fuel tanks.

and Pall othered 23 501 contact P-45 and P-51, 5,459 costony \$857. same tank, Midwest Manufactur-

Growing Problem

Packard Motor, campeled 1,200 Secretary memorane in traffic to

*Lockbord Arrests, complete aft more parts relation to 200 initalacross, contract \$552,469

Coast Conference

Carmerce Avision committee in- 1 "Billercester" -Look for a new board has been the feet that TWA

"Blow Jobs" soundrons based at Marce Army Arr Pools and other Well out of the experimental

WEST COAST REPORT Non-Priority Seats

Coust as U. S. seeps up peut in

by Stanley Miler, Jr 's 'Hiller- drawing boards of West Coast fat-

into engineering hot water. Miller tion of his 'copter with Henry J. smong Berkeley business build-

Finder and Safety-What reday

A W. Lockhard, Black Widow topocked up a target at five makes. Plane Design Ceedit-West Court Western divisions of demostry #1 (reliating their heat customer

faction Council West Court rolians for the contenuing flight Thus | Hiring Problem - Warplane Sager Part - Manufacturers long time, may first the AAP unwilling to land extension and Tr. are heartened by the prospect of believed that high Army officers tible for hiring workers one day > 625 Nob. Airliners - Unpub-

gine equipment as a matter of lar their trip on two-copie sphedule based on 425 mph cruipfit studies have indicated that the coeter" Why his rotar combens- target now burnly courting cryffian

Commando Sales Promotion Group Activated by Curtiss-Wright Corp. Economy and utility of largest twin-engine sirliner, compared

presentation. Curtos-Wright Corp., with two planes, and this factor, plus flexiagreeaft sales aggregate for yearstin Mercury, which might offer A Economy Factorin-While some of The DC-4 curries 44, the DC-6, 56 concentration on the 200- to 200-

The two surines that have alare Eastern and National, competi-

can sales possibilities in this country, Curtiss long has been a well

with four-motor planes, is expected to be keysome of C-66 The appointments were an-

American Grace and Infimum Arrways in South America. staustenance engineer of Pan-

eral years in the late 1926's head-

Marrin J. Parks



B. F. Welferd AVIATION NEWS . November 13, 1846

Preside Douglas, however, in



sery persion, now going on mailtary ships and to be a feature of the Commando corbner. The new rose price better pales conbility. It is "bird-

early this year, has been fixing Muchine Total Talks. Give Hint of Policy Disposal of Lead-Lens system of Allies is expected to be major peoblem after war worth of Lend-Lease awation equipment that will be left in the

That problem, part of the sen-ACC Fetes Delegates Allies thousands of modern bomb-

Among the speakers were Eugene

F Wilson United Assert Chairs

general manager and Amistatal

gallee. Copies of the Aircreft

FU. S. Position-The U. S. pov-

our government, in cosh, a price

group of officials in FEA and the Lend-Lease goods in their pomeroutright p.ft.; the other favoring

agreements.

between high American and Beil- resembers of the Public Belations

ish officials remyding the disperal

tion edited by Howard Merges, of a large number of mechane quarters are in the respective

ACC Public Relations Renned public relations com-

J. A. Pitz, Sperry vee-churmen the Lend-Lease agreements, will and W. L. Wilson, Kellett, secre-West The two consultees include Conversations now being held

Now . . . a better way to tell ice where to get off! seem odge as thinner, releferoring Improved tubes: Tubes are early of highly attendable nylon fabric.

Ughter: Sponge filler and rein-

tenger life: New De-Icer installs

leagtheolay its useful life.

This is a new B. F. Gordoch Dodore-the Type 11-shows here mounted on a wing mock-up for sesting le's lieberr, laws longer. cours less to malacula and, most im-

poetage, provides better prosection aguest tong Although is operates on the same principle sa Do foces now in service.

Smoother cross-section: Attach-

AVIATION NEWS . November 13, 1604

resign tracks

Sacrement series have been effect. med more effectively Better jee removel: Improved tube proved performance. Here are a few proportions, made reported by stronger, lighter materials, provide Improved toer-registence: New more efficient les peutenien.

Reduced maintenance: Most of use so lower maintenance require-

B F Goodrich

FIRST IN RUBBER

Magnitude of Scrap Problem Reveals Need for Overall Plan

Seven areas already set up by Army for distribution of strap and excess aluminum stone and four more are to be activated; Nowy adding cleven new salvaging centers to seven already

Personnel offers in health the formatter and Thinkelinko, Northean and Comment of the Comment of

Name of seminal accesses on the second predicts that early second societies are residently affected by a metric come stock and access to predict the second societies are residently and a second societies are residently as a second so

contrary, that there interested in an extension of the property of the propert

the centers already are to oners-

OPA Scrap Prices

plazia korpang their korpangpangkapang dipikh aeringhan rangkapang dipikh aeringhan saasir tene oli than chase wakan atangsa ta clear the dock their in the 600 regularation Content from the Content of the Conlection of the Content of the Conlection of the Content of the Content core in operation, will speen elevera others. These econes wall take excess suppose from indiatized excess seed insolvent from Others Material Bowersy United Source Content for material of pernaents whose the Navy. All will be material to the Navy. All will be

selve.

Selve of the properties of the selve of the selve

changes that absoluted prosenters

subsidiary have been cerried est satisfactority.

This can be terried an illeviation of the eventual mass dumping of excess supplies at the end of the way. NATIONAL AIRLINES ANNOUNCES
DIRECT DAILY FLIGHTS BETWEEN



000 pounds of steel in the warebonning plan have been moved, AVIATION NEWS . November 13, 2044

ing the Mery at the Alamaia Calif. Naval Air Station.

Wright Bros. Lecture Marrin Device Eases "Congressible Flows to Acce-Handling of Mars

U-shaped mg adapted from "sea signed to speed air terminal The Glero L. Martin Co. which cheef of the Compressibility Re-Memorial Laboratory of the Na-

U-shaped tax adapted from the New Air Publication

provided through use of tugs of the stood, however, that they contemline terreinals. Thus to succeeded



McDonnell Contract

program on Bosing's B-29 Superfortresses. The company will

Cuh Aids in Rescue

ullery fire to rescue a "lost comlet Leest Ralph Graves, who was



Scaphage Handling Systems to Speed Service: Gets at sould be done at unlated north of call. Note the the Gless L. Martin Co. would herefor from boats. loading. The Martin Co. is making a bel for the in-



Sperry Gyrosyn Compass

The Directional Gyro with Magnetic "Sense"

AVIATION NEWS . November 11, 1946



Terro predeniers with the earth's magnetic

It continues the functions of both a Directional Gyro and a Magnetic Computer, developed indicution, accurate magnetic headings . . . wellows

The bysamery Common is an electrically delayed Volum en justigate encourse houding describe or The Flow Valve is a device for descring the

eryleborrion remained by any other excustrent.

Sperry Gyroscope Company

ELECTRONICE . AUTOMOTIC COMPUTATION . SERVO-MECHANISMS GYROSCOPICS .



New Canadian sirfield map above surfields for which tion costs of \$76,811,551. Other Canadian surfields

Dara on Canadian Port Outlay Revealed Map is released showing sites of

Dominion for \$76,811,551. (Aviaving News, Aug. 16) A. Breakdown - Pupures released Staring Beate (to Alaska), \$3,-Biver (for Carol oil development), \$27,490,333 for the Hodson Bay preste (to Greenland),

\$3,657,900 for the archeld at Min-

rap. Que. \$141,000 for work at

graph-teletype line from Edman- surfield, and \$5,161,000 on project-

New Ceiling Meter

Consistently accirate daylight

AVIATION NEWS . November 12, 1944

WADSWORTH SKILLS



· · · built up through half a centure of leadership in the exacting Warch Case Industry will infactorers who will require large quantities of small precision parts for their postwar assemblies.

Work of this character is now being supplied to many leading companies which normally produce radio equipment, refrigerators, automotive parts, precision instruments.

Illustrated are nine small components of an Ordnoore assemble which Widsworth furnishes in great numbers. The production of these pieces, which are held to very close tolerances brings a score of special Wadsworth facilities into play.

Wadsworth workers' feeling for precision and their ability to get work out on time will case postwar headaches for many producers.





WARSWORTH

SERVING THESE

AVIATION NEWS . November 13, 1866



PENNIES PROTECT MILLIONS Protek-Plugs . . the Modern Moisture Removal Method

Today, Pestek-Plays are removed from the spark play openings, the spark plays are installed, and in uningtes, the engine is ready for service Pestek-Place are hallow transparent about containers, filled with Silinarel. a material practically elemently meet, with a tremendous capacity for water. They remove companion-producing molecure from the cylinder walls by adverntion. When the Silica-sel approaches estimation, the plum signal "Donger" as

their color changes gradually from bright blue through violet to pink. The spent plac is then replaced with a fresh Protek-Plan. Protek-Plans are at work today by tens of thousands, not only in niceralt ensures. but up deficate mechanisms of all kands. There is appele sense of their valve from every hattle feast. Coating accesses, they mand votal war commoned worth will be a Tomorrow, this war-horn product will protect more than the engines of aircraft in trends and as storage. It will find degree of other lobe rearriges the companies of power from mointure damage. Write for our discounted bookles on Propris Physi-





SOUTH MERIDEN. CONNECTICUT, U. S. A.

New British Navel Air Fighter for Partie: This remainedly gone into nervice. Note the ususual folding hearth arned fighter recommended plant deriving arrangement. The Firefy is fitted with four vesied cornings of four 10 mm

British Reveal Data On Fairey Firefly

New recognitioner-febrer disclosed as baying participated in CAPTIET Allacks on the German Bat- see is purely fighter actions assured Deskip Toyets in Norwey. It is the Jepanese

signed particularly for shipboard Gunners to Ioin from land-based types, such as the Surplus Stocks Soon The Firefix is powered with the Transfer of most, if not all, of

ther 2,000 hr. A three-blade Retal plane construction aboves of the used in favore manufacture, had proceder is used. Corrects a crew war forme 300 were constructed. It probably will not asson be book

underearriage and flare are open- supply was totally appraised as ated by a Lackheed hydrastic sys- plane opturization skills and ener-

the Merin, and rated at better close one of the most farmatic both situation for decire may be

CHANDLER-EVANS CORPORATION

Ittention! AIRCRAFT ACCESSORY DEALERS!

Another



A New Franchise that Builds Your Business and Assures MORE PROF

Low war, has also been preparing for peace And so a first seep in its postwar plans. Recurpe announces a new franchise for sireruit accessory dealers which provides them with a wide variety of high quality merchandise that their conveners want and need - tires, tubes, which, brokes, broke lining, batteries, spark plans, figurbes and many other products for their clanes -luckets, aloves, sun glasses and sumerous other items for themselves. And after victors, many other products may be added to the line radio transmitten and receivers, radio direction

require. So sim up NOW with Firestone. the first Company to provide strends access full information, write or wire or or observe Himlock 167L Akron 17, Ohio.



Firestone AIRCRAFT COMPANKRON. VELOW STAT COVERINGS, FORMEX CUSHIONING, FUEL AND OIL CELLS, BUSHINGIN MANY OTHER AIRCRAFT SUPPLIES

> AVIATION NEWS . Nevember 13, 1999 AVIATION NEWS . Neverther 15, 1966



When Clifford's THIN-METAL KNOW-HOW | WEIGHT_ discovered THIN ALUMINUM BRAZING... | SAVING

By removing cooper oil coolers and coolent valiators from one of their famous fighters and describe in advertising models — without any design change - weight-conscious engineers of the U.S. Army Air Forces saved apneoximately 120 precious normals

This wital winters over parisht ... are holised by 34 X (where X cousin the weight of softsoldered couper englers and radiators) - was made possible by Clifford's discovery of the elusive method of brestor eluminum tubes having over this walls

Already battle-tested on wide-suread fighting fronts. Cliffund's Feather Weights are now

fighter. Here the potential weight-saving is approximately 300 pounds. Less weight, greater resistance to heat and remaining lympur life - and the months when aluminum replaces copper in aircraft oil cool-





OIL COOLERS AND COOLANT PADIATOR

expect Federal sad funds in some

PRIVATE FLYING

Federal Works Agency Takes Hand in Post-War Port Planning

White House, Budget Buzens and Army and Navy also expected to play important roles in development of artfields throughout country

\$20,000 Surprised by ACCA-

By BLAINE STUBBLEFIELD

Army and Navy Political rebthe airport program. President Bounest mestured arrests structus process in the design b Sens to Redret Russay-The re-

CAA officials and others interested negations not yet made public

\$ 653 Post Projects-FWA finds. in cost a tetal of \$510,225,000 Or this amount, \$23,024,000 in on

hand, \$13,423,000 m being pero-Presumably the local severn-

AVIATION NEWS . Nevember 13, 1945

FAAF Progress-National Acromastic Association, in its New 4 preparing surport plans NAA

surplus expert is good for Which



SMALL ADDRESS ADMINISTRATION BUILDING

The year solute orleansatronous hardens of South Danton (Olio) are



FLYING GOVERNOR Albu G Arnall, coversor of Geor-Muddle West, and J. W. Wegner,

United States. Under the leases, fields in conjunction with Army

CAA fields for permanent use either could do so, but probably will not. These fields are nearly all located within commercial Cities Furnished by Cities-The

over the fields after the war and States and Brund.

Riddle Reports Gain In Brazil Aviation

to Maxin where he is spending a month at his instructors' school While original capacity of his

apply, and a h Assessed By AAF-The school

was established last Newspher by valenters and administrative perand in Brasilian costons before saft of the military training now offert in portower can't aviation relationships between the United

Briefing

IN ALEXANDER M-SURFLY ▶ Pilett' Lounge - At Celumber, S C, municipal arrest, Haw-

Growing aviation consciousness ever take the place of ectual dight Plane for \$5 - Wind-damaged

\$9,000 at an auction bold at Patbrought a total of \$51,000 Of the number 45 were Taylorcraft L-In. 106 Aerones L-Ss, and one each Piper I-4, Interrists Lot Lock-Marwin Feethooning - Oklation Citric Nev. 15-15, should offer nonal clane, its utility, reackets.



ORGANIZATION IS IMPORTANT

... BUILD WITH TIMBER STRUCTURES suppo technique that is available

Our lessions to the profehrouses 3. Warehouses, hangars, varied structures for the Amey and Navy. service is highly organized, we have

to you for nost-war construction. Wouldn't rise be a good rune for you so check less the economy.

strength, law maintenance and perrequest. We're perpared to serve you



of many kinds. For example 1. Aviation manufacturing places

AVIATION NEWS . Navember 13, 1994 AVIATION NEWS . November 13, 1844



SCOUTS SOLO PARKS ERCOUPE.

is boy of 16 draws the firewalls emploise of the failure? On the hains of treat Training cent, Parlie Art of Collège, East St. Loss, St., Reports boys of habh shooks ago cens exis a ser-conventioned Excope type opinifier than adults. Artist treasure showed on East Seeks, type opinifier than adults. Artist treasure showed on East Seeks, type to the treatment of the college of the college of the college of the type of the plane. The college of the college of the college of the showing possessioner, from New Lorent, Wintercom, Chie. Muscon (the

NATA, ADMA Meet In St. Louis Dec. 5-9 More than 150 exhibits of planes.

much besied.

See a second of the second of the second or regressions. The second of t

More than 150 exhibits have also the position structure, and arrangement for mention-level and arrangement for mention-level and arrangement for mentions are designed as the property of the

speakers. The program also includes joint meetings of the two

UPMA Formed to Aid In Airmen's Problems Recently organized group sheady reported so have membership in 19 seems.

The recently formed United Prince and Mechanics Amendator, which has offices in the Carry Bedfare in Washington, and membership already experiences and purposes and the proposed and the propose

CAA, CAS and Cengrous or civilol in fore; non-echecided arrandomtion and public safety.

Commission of the Commission of the penalett, Commit Fawfor, vecpenalett, Commit Fawfor, vectary-treasurer Decidents in meating the commission of the Eastern a Samurer Copp of Engi-Fawfor a Samurer Copp of Engi-

laint boys, salend

final boys, a geres or dealers, at the complete in a possible that then only be related in same arrange and the control of the control o

as a Delaware non-profit organic tion, the sisocration seeks to act a a cheering bosse for the non-commercial and fixed base operate phases of aviation. Current projects of the same tion include study of Covil A Begulations for further simplifies

 Begalatistic for further simplifiedtion and recrusion, studies for elementing cumbercome and unnecessary administrative red tage, and tabulating membership openion on various proposals for medificulties.
 A second survey was conducted.

A recent survey was conducted by UPMA, on CAB's, regulations parmitting becoming of public with situational physical defects after they demonstrate by entanlectery fight ted that their coperance, ability and judgment compensate for their distability. The pell shawed an overwholming misjority in layer of the regulation of particular interest to prevale of particular interest to prevale



SETTLYG, YEN'SZAYDARDS

EY'AHR TRA'SPORTATION

WHICH the was the same of the s



The Lockheed Constellation

States Directed (1900 Annual Contractions) to Annual Contraction of the Section of the Contraction (1900 Annual Contraction) (1900 Annual Contractio

LOCKBELD LEADERSHIP SLIS THESE NEW WORLD SPINDINGS

Granted rate of clieve of any transport * Langust range of any transport * Biggest land-carrying capacity of any transport Highest craining cliticals of any transport * Footest craining speed of any transport * And these perferonments make the Constellation the softest of any transport.







- Q. Will the Constillation be an 'impensive' plane to operate?
- A. Ga the contrary Grapes to molecus fights from our bunded to show
- -Steps W.T.H , Few Oat
- A. In so military remine the Countilative and carry 200 trees and
- O. Why does the Constellation have three role? May W. Atlanta
- the numbers 202 of ft, over three squal perfect, place in made A. Winnerstein 175 ft., winner ama 1650 or ft., franch 95 ft., ferebilits

LOR NEW WORLD STANDARDS IN AIR TRANSPORTATION LOOK TO Lockheed LOB LLABERSHIP

Automatic Take-Off Recorder Developed

A combination of two motion landing recorder

h Becarding Instruments... The new

is located 1.500 feet to the side of tacts the ground. The comera fal-

P Searlanes-In the case of sea planes, where the camera cannot

then used to project the line of poset of intersection. The ann-The photographic record includes is degrees. This permits latered





Take Pitchs Trainbar: Although re-Wragfoot Pherr Clab Left to right, Jestructur William Ringgeld, Biggle, and quether Goodpeur flying executive, Rassell de

Goodyear Executives controlled shatter exposes the per- Learning to Fly

Wagefoot Fliers' Club has 29 members, fell time successor. building and there 65 ho planes. Typocal of the business man the next few years, is the Winglocated 1,500 to 2,000 feet spart, fpet Flara Club, at Ahron, D. composed of executives and key port, and three 65 hp places, Paper. their tests. The cish plans to add

camera at each interval is recorded. F"Never Too Late"—Latest to sale. his fifties, decirres "it's oreer too live major so terretails, seven so that its driveness will be located. Into to from " Stoned! do Young, smaller transport Bride and 15 ar-

plant engineering, have already Clab roster includes department

Chapter Service Unit

Of NAA Activated

Lowell H. Swenier, manager of

und "The major interest of alcomprunities. This means they are Four Phases-The new depart-

comprise a series of chapter ser-

Culif Port Needs

Bay Hess, San Francisco district CAA surport engineer, recently Caldorna weeks need 175 new Francisco officials estimate them

Sales method at Petterson Field result of facustic figures paid for wrecked end non-flyable aircrais. Sarrifas plane officials are nonfor wredged, engineless and nee-

starting sales method is being sustable only for salvage or serio planes- offered were sold, and ex-

come peohibitive > 30,000 for Weecked Lockbood-

be placed in flyable condition for was luted at \$315, the planes ranging from twin-ringing Brech-

sternal renortedly descript pur-

suggested that a smodified surface

probably will be fell by the Sir- and three probably will be disposed

WASHINGTON State of the same and CALLESTON ! ofere NIVADA

COAST DEFENSE ZONE: Western Defence Tone Man shows my flights into the region. May only a minimum number of areas

Parce Sorolus Advisory Subcomhawever, there undoubtedly will b Plenes Nan-Flyable—One very were non-dvable in their condisame type, or one bought under nealed had. Aveation people feel their use as salvage or sevenuese

Flying Leathernecks Brilliant War Book Steey of U. S. Marine Corps Avietice's role on Pacific War,

as told by two combar corresuffices - Contains Righted II string of history into a colorful stery of burnan life and valor After Navy carrier polets had ciesred a path, and ground Malines had been pul sobore to sette came in to hold the skies, to ward new strikes could be prepared. bWake Island. The book oness with the correlate of Walco Island. where the Marine carrison wrote and warre four Marine FCF Wildto be fought. There is the defense of Malway, where the Marine

shifted to the offeneres. When it

AVIATION NEWS . November 12, 1945

duction of aluminum care 25% increased road life well over 100%, and are rettine better time ducks for the Zerger could Gulf Cut-Aid consistently shows better results three SBD's and sight SB2U's of the other Marine soundran were aloned when Marine air oppositent

in catting aluminum and other nonferrous Golf Oil Corporation - Gulf Refining Company - Gulf Religing, Pittsburgh 30, Pa.

O must then any other comme fluid we've

over used," sees this Superintendent, "With this

outstanding new cutting oil we stepped up neo-

The hig homery of modern servey mechanic in this plant produces senseal different rapes of absymment agreesk parts with the help of Gell Car-And In the



we increased aluminum cap production 25%

---- tool life over 100%" save this Superintendent

important function....it's an effective energias-

for other cutting oils, regardless of type or viscoaire. When blanded in the proper proportion with other cutting oils, depending upon job possible higher production speeds and results in improved finish Jonney and life, or both Call in a Gulf Service Engineer today and let

him show you how Gulf Cut-Aid and other Gulf quality cutting oils can help you with your In addition to its superior performance on production problems. Write, wire, or phone this class of work, Gulf Cut Aid has another your nearest Gulf office.

AVIATION NEWS . Non-spec 13, 1866

THE AIR WAR

COMMENTARY Second Battle of Philippine Sea Climaxes Year of Carrier Triumphs

Next naval air blow likely to be large scale action on part of Fifth Fleet, striking from West-Central Pacific and much nearer to Japan than the Philippines.

rate on Albert lake within the more. Dourt Markon, Dours the first batof one year is the airmed unbelievfish-tons. The year heavening with (FEE) A county of sensite later took errors, provide to carrier occoper a larger stree to an carpresident on Wales Island feeting of new techniques but also, a Marshalls, and Condines The ingreed to Tayana in the Gibbors.

It is more than probable that as amounted the heavily defended encsensit. However, with the sea way. Japs' "unuskable current" and

Millerts...In Secretaber, 1945, a. show leaked out around Marris in the Kwalelern largen could have sland only 1,000 miles from here dealt a crippling blow. Janan Average from the two Etc. & Trais and Salass -- Appeter indenemerical current (CVs of \$2,000 entrol of the continue of are of writed Judenessieure beht-curver blow at Trok (more than 1,000 class (CVL, 10.800 taria) veduced section over 200 planes destroyed. West-Central Pacific

stallaboush with the left hand landing on Enwetak, which was to become a key to our Central Pacific operations for months to Truk in a pante, two of the corrier ell-important Managas

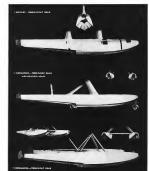
b Western Carolines, Now Guitan-

over 2,000 series in three days

h Marianes and Philippine Sea-The next great powerhouse blow b Discourse in Philippine Waters-

The Morissas was Admiral Sprusnee's show (Sth Fleet), a powerthese triphiblious operations. Apral blow with the right. October brought Admiral Balsey his other striking feature was the Carrier Task Force and an reduceEDO FLOAT GEAR

All-metal seaplane floats for every type of aircraft



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Contractors to the U.S. Navy and U.S. Army Air Forces and Allied Governments

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PERSONNEL.

turn to the CAA as rived of Gen-

Inspection beauch of the seventh re-

Emerson D. Lander (chote) has horn narged manafacturing minor



was Landey's sountest has been was employed at Concollisated, Car- of the Acceptation Department of Stanley Bell, former short entirers



Srio Gen William E Gillenere

Muchas' correspond in 1839 by res-Frederick John Hanek, well known



Airolane Corn, where he worked company's engineer in visinge or unit ing, Vi. For the expotering. Knock was chief engtory manager of eddfines, his experience includes so-

Peter Aliman, for many years head

Corp., Naddemany engineering societies, has been soling engineer for Steron Acrhe countd his own offices, Alterna

been sepolated to succeed Jakes B Guinotte as manager of the Karpan Other office. Garinotte hacement on, and at Changes

MARINE CORRESPONDENT crably dusharard from the Maa Marine combat correspondent Assumed the African State of the State of th

gional manager for that territory Acres Cook Brandon, formerly as-Beese, with the manuscript surchas-

win married to Man Chronic Rell Kennedy, who has been accretary to

Commisseer W. E. Lurned, USNII. military leave,



EASIER, FASTER, LOWER-COST TOOLING WITH FIRERGLAS'-REINFORCED PLASTICS

The combination of Friendles and severally Hen in ellowested Costly, true consummer

Fibergles-regulated plactic pigs in this No. 1. The male mald (or, if as misble exchanged with say value for medicing

No. 2. The form block is covered with

No. 2. A rubber blacket is stouched over No. 5. After curing and cooling, the toles delled, clarges metalled to complete

All available febricating data and adding Totalo I. Ohlo In Consis. Filterolar















mation of ARCO. He has reads pre-

Akitem Poses has serred Agenut Parts Development Corp., Saramit, Walter A. Bowe has pound the stell of Walter Dorwin Transa, New York

Carl B. Syster, vice-president in charge of sales and service of the



TWO 20 YEAR PINS: Paul Annoer (left), general on

30 YEARS' SERVICE: Presson R Bassett, mee-presslear

sirgione Before somme Bell to range the presentation Bassett of girplone beacons, the Sperry process planes.

G. Geoffery Smith, editorial directo Flight and Aweruft Productive. both British pourmals, who has been Production in this country, will reour While here he his arranged for whiten of her book "Gas Turkener

Edward E. Shittery, Je, press chief.

we appointments to editorial peations on the McGraw-Hall Publishbert F. Mounelle (right), annuesed been amounted by Group W. Pice raddisher. Exemp Miller returns so superintendent, received 29 year amounts editor of Air Transport

> aging edition, to serve as muchoch Research Committee Once Leiding.

formerly associate of Air Transport Jack Black has been appointed short merutions again for Continental Air Longo en Kumpet Cay, replacant Kenneth Bergmöer, who has been transerved to San Antonio Servey place of Buyy Gatch who has been

po, loc., announces W. L. Berifestel Robert M. Stauley has been named



not. Studen was employed by lot, has been named assessor chief named that test palot Woolann was somer experimental paint and associated chard test mater for Bell. Variar G. McHquest has been up-

numbed to the technical staff of the

O. T. Redley, 50, experienced of



AVIATION NEWS . Neverber 15, 1944

FINANCIAL

Aviation Officials' Transactions In Own Securities Reported

Dealines in September reveal general trend toward reduction of holdings according to data submitted to SEC.

Sent-value occurry transactions tember leaving him a balance of by awarton officials reporting to 600 sharesthe Securities and Exchange Com- | American Expert-J M. Hannesseen were relatively few, with cock, director of American Esport capital stock, reported Leisman ber. The firm's balance at the shares at the close of Scotember. shares John E Slater, executive FGrunnan-B. Allison Colless, ware-president of Grunnan Arrtal stock in August, making his pany's common, consisting of 1,000 FFCA - Haymond G Lochiel vice-president, sold 3,000 shares and cave many 960 shares leavens nany, save away 1,400 shares. Hat July as a bquidating dividend haldings at the end of the month b Brendlie-Jahn J. Daly, director 1.900 common increases his books creased has holdered to 1,500 shares non overgon, representant his en-Among other transactions in

ways System, sold 166 shares of an sales were lowest state 1641.

the company's counts stock to Sec. Sales totaled 488.045-895 around

ended July 31 after toxes and

F Conselidated-David G. Fleet. director of Consolidated Vulton during Scotember, mying him an 4.504 shares Mr Ludden balds Financial Reports 6.125 common, while a trust holds. Northean Alexadi resorts not 1,000 shares. Churles T. Leuch. vice-president, sold 4,895 abures common in August, reducing his Pro American-II Proston Morrs. secretary and concrel after- come essal to \$2 a share in the

Was 5082,640, ecras) to above \$1.48. Aviation Corp. Nets \$3 100 871 in 9 Mos Equals 55 coors a share against period: cornings and dividend octions of other companies re-

Aviation Corp. reports not income of \$3,199.871 for the rare months ended with Assust after are listed at \$49,323,547 compared FOther Income Not Included-The PRIME Arrogantical Co. and whol-

eargeness of \$346,151 compared with \$397,312 in the full focal year ended Oct 21, 1963 Rev-August were sale of 1,300 shares of Northeast Arrives' common by rag hom a balance of 15,000 sharest. approaching the \$19,705,524 gross

Sewall, director, leaving him on T. Claude Ryan, president, re-\$300,000 which ofter reels for net return of approximately \$71 .

VIION NEWS . Nevember 13, 1844

Chutes Revolutionize Warfare!

EAGLE WINGS

turbetour of the nachd a see, page in the biscory of a select frictions a restrictor for America's more respectively. We now trabuse on these entities open" There have newloomadly observed each tory sensions

Perfect Fasts Previous, falsocret by our expen columns, have considered temorrow. Zegles expresse and recknical mathem and proposes sewing legistics....



LANCASTER, PENNA.





missionaries who requierly flew in a Beechcroft over their mountainous jungles and landed on their narrow, midfull outer share to hard their sick and enlighten their kinsmen. They know that the Decretica wisas of the white men's aircraft have award other lands of the Pacific from the treacherous invaders. They know that their land, too, will again be free. King Iriau and his people look to the skies and say with sure knowledge-"They will estude "

AVIATION NEWS . November 18, 1944

King of the Apa Kajan tribe of Barnea is Oejong Irjau. The Japanese have invaded his land. But he and his people have not forgotten the white men who came to help them, before the wor. They repeater well the

PRODUCTION

Navy Expected to Extend Use Of Incentive Contracts on Planes

Only four for sircraft, totaling \$1,508,000,000, have been completed but saving of \$208,990,000 and receipt of \$37,000,000 extra profes by companies make wider employment of system

Increased interest is being shown. These contracts has recalled in a by the Navy Department in so-penerally favorable impression called incentive contracts and it is and an expension from some exwill outstal the use of such con- contract is better than cost-plusproperty saved \$280,000,000 *Consisting ... An appropriat of *Entry Charges ... Under the re- with them scherger together

rasks present in other types are

centive contract plan the Navy and profit would be \$110 The constern. He could recove \$130, but no mace and if the cost was \$129 On the other hand, if production

to addition a percentage of the With basic costs agreed upon be-

costs were reduced to say \$85, the



ASSEMBLY OF BORING'S B-29 SUPERFORTRESS: This exploded turn of a 3-39 taken at Royane's With, attack, each pre-consoleted, sociations sustailation of

humber are brought together in the fast smooths of totono and cornectors

AVIATION NEWS . Number 13, 1944



CANADIAN-BUILT CATALINA IN PRODUCTION Place colors in plant of Canadian Vickers, Ltd., Mostreel, shows a PRT

Cost of Air Power Minimized by Result

Armeliës report of \$2,000 places January, S. 789, Pohrusty, 5,760. March 9.117, April 5.343; May. 1,902, June, 0,019, July, 1,000 63,000 simbings have been lost in *Leveling Of-Production is units supremacy made many laymen to 7 Mile with introduct weight of

but that our air force had dropped. For eximple, the 1944 monthly production rate, despite the fact September Output-It is notable 1944 total sporesching 100,000 9,500, for 1941 about 30,000, for merch, 5.275 in August and 5.999 1942 about 50,000 and for 1953 on July or almost \$5,000 on the last

1555,000 Sertics in 9 Monthsstate December, 1941, AAF ar- of B. W. Steamen, engineering maps airmines in the first nine planes have opened in 1.350,000 manager.

poured 2.700 tons of humbs on

Fairchild Forwarder Production Halted

modified neveral times during speed of about 125 maps for non-

Sutton Ouits Convair Responston of Marry & Setter-

Activities formerly under Sat-

Output of Urgently Needed Planes Lags October total of aircraft in greaeral is on schedule but produc-

tion of certain types is reported reads in October-1.429 stronger

The arrivation was such that WITH Most Needed Types-Unfertunsight, be pointed set, the models

Marrin Job Survey ers at The Glenn L Martin

As disclosed by Marin the the draft. These people had

not quite making the grade as producers and under certon which production was below schedule were of the most needed types, while the majority of the transports, on was the case in cor-

October plane output competes with an autreme weight of \$6. 000.000 nounds, including spare + Output Generally Satisfactory-

menufacturers' maximum esta-

requirements or, in cases whom GE Device Controls Engine Temperature

A temperature control device cooling of engine head, all and cazfor lighter planes, associated by greature to open the farm controlling determined temperature. When highest allowable operating tem-

pecatare is reached, flaps will be full open. A delicate relay of only 0.0006 watt in power, course the

A Wind Parietypes Cut-The cur-

hern completed after several years 25 POSITIONS

fups extending rate the sicetream

Start NOW - Continue POST-WAR!

contracts with an extending at head firmuple jumpery 5, 1746, As soon offer first on the Joya

We are able to offer consolertely at it

ASSESSABLY PROJECT DESCRIPTION OF naming the riding objected less their 5 years arrange angles originating map an over

SPECTION PROTESTS IN WORLD DESCRIPTION OF

IS YOU ARE AVAILABLE

C 11000 100 AIRCRAFT CORPORATION



4000 hp. Engines

of research, is now being Tendied coar compartment is easily reached. for installation on several military from the ground, while the for-

1200 Major Changes Made in Commando

Wright Cell to Test the war Is all, some 4,003,000 Wood-Reise, N. J. plant, to be into a civilian commercial ship. experience and the channel re- for Bonne's B-29 Superfortresses Prover Plant - The primary ready for use by the middle of

change in the power plant from Pratt & Whitney R-2000 coupes present horsepower mark, comto Wright Cyclone 16's with threesiderable increase in power for the Ground crews will find curps Fire Protection-All cells are under the pagement section. The flood the chamber with carbon market.

\$70,000 for Ideas

Suggestion awards to Canadian of Mantival, who suggested pre-

New Invader Props Defere-While only two orders for the nost-way Commando have the 18th type of United States been angousced publicly, others

Propellers are three-bladed Hy-RPM of the 2.999 horsepower Pratt & Whitney engines The Piret of 16 new test cells struc-

opened at Wright Accommunical's Rangers for G-44's

\$200 hp Cyclone 18's being built occur to be built for the civilian Industry spurpes were unable to taken from excess stocks of spaces. Whichever they are, however, meeted with existing models of child factory to be reconditioned Granman than for in the only

TRANSPORT

Standard & Poor's Analysis Sees "Big 4" Dominating Airline Field

Smaller units such as PCA National Northwest and Northcase also are "decrined for an expended role" incorregor advisory organization says.

Breed on its engines, Standard tage on American Eastern and

on Brentill was lowered from

the "bharp ren-up in the stock has

b "Sangulative"-The service conoff-time peaks. The industry is

the encumstance that it will tales some time before normal use of with any actual inreeds from mo-

\$ 1955 Not Pat Above 1943--Pull above that of 1943 by Standard & planes to operate on service With fages look nood freen a communa-

street tendency to overlook the

1943. Thu mode for a condition where such rates were lower in the dest half of 1944 than a year ago however, comparison can be made In looking about, the survey speed, time and comfort the sir of wartime, but arise operations lem faces the strikes, there is a crosses in casts which are bound



BRITISH TRANSPORT IS BOMBER DEVELOPMENT: This converted Vickers-Armstrone Warwick transport to a British store

orre and freight, it operator in many theaters for the RAF, and may be a forerwater of post-tear transport. Data are unamentable on load, pagheight, 1,000 renare feet some gree, and 65,000 neurals weight. Pour is from Profit & Whitney double Warp encines. Picture is from the Accoplane, British exception courses.

equipment I rust notes, and through Fliested Profits Flan Studied --

profits to 10 percent of invested capital." It is Standard & Poor's

MELFLEX

... for Positive **Underfoot Safety**

the legand solutions in problems of uniter-thal solution and office



Manne Tolon of Boston overted

The survey also attempts to interpret the Beard's policy in tained that CAR, in making these



WILLIAM DEDOUGLES COMPANY L. E. WISTERS, Frenchad

AVIATION NEWS . November 13, 1944

Low Operating Cost Of Mercury Stressed

Martin's claws for projected trasport regarded as indication siclines may bid for recipond New possibilities that arrives

Martin Co., whose model 200 scribed by turnouny officials as same. If the place meets its build-Frunk Line Plane-Named the coverations of fram. 55 to 200 moles. duried for next year. Whether

with striber and the Air Trans-Mareover, the larger sirings do Craising Spred 250-200 Mph .-Jacksonville to New York, Per-E-2000 engines, the plant has a 250 to 300 rich. The Hercary is smaller lines more self-sufficient. 40 nevert power, nearly 199 miles

The dearn was worked out by

pery demm permit one-cause

New H. Date No contempt of minimum on the New England States one (Darles) in

Spiriterian of Path Api Postbart and Spiriterian Path Api Postbart and Spiriterian Path Api Postbart and Spiriterian Path Api Postbart and Api Postbart and December of Path Api Postbart and Api Postbart (Internation 16) 1886. (A. Postbart and Api Postbart (Internation 16) 1886. (A. Postbart and Api Postbart and Internation 16) 1897. (A. Postbart and Api Postbart and Internation 16) 1897. (A. Postbart and Api Postbart and Internation 16) 1897. (A. Postbart and International International

Frist is the North Adjectic pro-ting the (Beslet SH et al.)
Establish on it the Paulis processing I had Benche stor for forth Al-tic and Paulis and for Sec. 1

Data on Mercary Glern L. Martin Co. for sta Mercury short-heal surface



Lordina Gom Mertin 526 Maraydon

"AN" Pipe and Tube Fittings For up-to-establish favores, delivered on schedule, you can

Let us know your progressions. We may be able to supply GRINNELL COMPANY, INC.

New McGRAW-HILL PAA Asks Export Acquisition. N. Atlantic Cases Consolidated

Airline makes formal mesion, declaring that price decision on Export would constitute a perjudgment of North Atlantic rouse proceeding.

Pen American Arreays last eveding. Pan American's reasest took the form of a formal motion reter decision on the Export an-

Pay American sharped that the to Salle Nutricel Instruction Filled England States, For Searches Street, and Augustus Di-merity, Institute, Searches, States Advisor Self-sages I a TS, Shandride, 23 of

language of the examiner's report by Jan. L.

indicated an unferrest." MILITARY MAPS AND AIR examiners in their report on the PHOTOGRAPHS By A. S. Lebuck Decision of Streets, and P. J. any select at this time that will chington, Coulde, Cready, Inchester, Sypania Calmi Sairy William Scolour, Mr ages, Ill a

The theory belond both these hives to make a \$3,000,000 investan eleber is there has a visual a university the leadings departed by the and is indiversed in the common may of all Tracks holds The examiners therefore MAIL THIS ON APPROVAL CONTON

SPIERNESSEL MANK CO., Im. Over the broke should below the 10 days but both an arrown to 10 days 1 will also be both that the same makes or rela-tive broken to be some makes or related Circulated and Schillers-The Stead or And Annie Bulliur and Schoolts-Strates Crairs So Children and Deliverer William Step and Air cording which has been heard Finterlocked - Nest observers

Rooks in

Aviation

sec these

10 days on anaroual

THE COMING AIR AGE ty S. M. Christad, Streets II Atlanta Ad-

ARPLANE ENGINE MECHANICS

DIRECTIONS AND ANSWERS

the North Atlantic case. The one

national field Another possible de-Event over reconstrated an effect in that the CAB will make Exby American Autimes and America port's portificate permanent and and Expert This second afternanear in Europe, negrety London, tween demestic and international

case and extend Export's Exposure

Stratoliner Tests With one of TWA's fee rebuilt

will begin putting the plane are pessible, but TWA offerale confidently expect no difficulties the Beard might well despect of They believe both rehabling and the matter in graulteneous de- minection will be completed in

Swedish DC-4's

A contract for ten DC-4's at a per unit celling price of \$985,000 emorascement latherto has been

and industrial firms purticipate accommodate overpress tradic it use in 1965, and the whole recept SiLA, which probably will be

Sweden's international operator

Oantas Held World's Longest Airline Links Regiond with Assertin via Middle Eur, with 3,500-caffe

nontro hos over lating Occas. Transport Command's supply line arrow the Pacific, but less is broom about the Indian Air Serv.



hoote. War navel removal of ex-

Sertush aur publication, as the of cour 3.500 rules to the leavest con-step operation by a regular 110th Crossing Made - Quantum Expere Airway recently made to 106th greener of the Indian 1963, after 16 months without direst air connections with Great Britain and Australia The reside a fuel rance of 36 hours under

and freight 500 pounds. Quarter ENGINEER-EXECUTIVE est mer job completed, Word to expedite of expedition, structure, and desirates his structure, Freter senting mote of high work.

Ming years against an inege madi, an and lash Keep, Berry, and Conmounting obtived, Cole handle inege pro-

PW-122, AWATION NEWS



AVIATION NEWS . Nevember 13, 1944

Airlines' Certainty of Profits Prevailing Note at Coast Hearings

Major companies reveal for first time in CAB session at San Francisco their expectation of operating four-engine equipment on short-haul runs on passynger and caren forder firm Certainty of national profits in close to a quarter-ordina deliver

At the midway point of tests-Deficits Experied Service com-> Divided-Equally divided some

SAVINGAT EVERY TURN

4000 types These services

selves many times over

DARHILL CORP LTD

N CAPPOR DECASO & EL

180 More Planes

Both believe that the West Coest Mescarch Costs-The few fareet research and propagation of appli-

earth is more than 60 hours flying time from your



CONSOLIDATED VULTER

dence, but American's prime ratesby UAL TWA and WAL while

Exhibit Presented at West Coast Bearings CAR Exercises F. Merrit

Constellation as the type of sir- trade areas was observiously by James O Ray, vice-prendent of Monopolistic development of Southwest Airways.

Freeder Men Outiniptic - Al-Bran catiguated a first year Nevada Parelle, with a 88 500 a

HIGHER AND FASTER WITH FEDDERS The storm electrometr story arrors from any story of Author Alveriages

AFTERCODIERS

PADIATORS FEDDERS SUPPALO T. N. Y

AIRCRAFT CORPORATION

"It would seem inevitable that

solver of \$24,000 a year.

b Exhabitabed Corner's But-That truck line companies refact the

business hopes of the feeter sp-

'Monopoly is not good in any field F Southwest's Ambitions-Asked of the United States," Bay replied

Trankiv, we'd like to. If given the arehitima planning seasons in the company's estimate of first your flucht of 12,122 225 revenue miles

west will be willing to accept our





HANDLEY PAGE POST-WAR TRANSPORT

On 35-Ton Airliner

The latest Rottsh entry in the

The artist's dreaming above, which has been constantly featured in recent Aircraft Constructors, Ltd., According to the Society, construction on

tions. Southwart's estimate for man type version features a "club first-year passenger revenues was calous" for 20 massengers. Handley Page Works

Maximum speed 342 mph me speed 200 meh Long distance crusing speed craft Constructors, Ltd. who day 140 mah

-543 ct. f Other British manufacturers also DOMES Types-The A V. Ros

Co. builders of the Lancaster teangage, have under construction two other commercial types. former, a female internal cabus, proces at 250 mol-Other British manufacturers working on transport types are



MOBILE FEEDER AIRLINE BUS STATION:

affee and several siepart installations by combining the functions of tanceb, delivery truck, notest sales counter, ratho control tourer, redames of export traffic controller, quick report was, Debet selection

For DC-4 Purchases

west With the DC-4, the most b Contal Adequate - Northwest's received countal is considered ade-

NWA Negotiates

b Joint Research With Navy-Han-

At the meeting, Northwest's

16th) y most way transport for first . Changes in plans for Restor's Law delivery, perhaps in 1945. North - gas Awgort, proposed trans-Atlantic stend of 1000 as omerally planned in order to improve instrumen

SHOCK MOUNTS HAPPIS A.N standard

shock mounts are made Se AN 9005

They have been approved Made in the fall range of load ratings in all stand

Wine or wrote too junther details

CLEVELAND 4 . OHIC

Colombia Air Cargo Potential is 13.1% Country offers best prospects of say in South Asserted, Commerce Dept. report shows

> Address Planted for Loss Field Buildier. This is the received Adsusservation Building at Love Field, Dallor. Plans coll for addition of

or \$99.502,035 to 1939, 13.1 percent A report on Veneraela, also re-

of that country's 1999 trade of \$55,003,064 as sustable for thep-FThird is Trade With U. 8-Cophanagyaph records. Air smooth

AVIATION SERVICE ENGINEER More such measuration and inflictive relates in resignant doorge and

Nechanist Engineer or opphydent company is contacts with top excen-Knowledge of spaces and wantedge

tion Indianay, perfeculty Arrivaes. Transport Schools, or conder specia Good Cor recept of 1986.

establish (set promphly) Banker artificate consection. PAIN, AVEATION NEWS

Plan \$1.750,000 Port Outlay in Dallas Million to be seen on new Red hand Field and ST10,000 on Torre Pield facthres

h 5750,000 for Love Field-Another

The new serway segment, deux-

13 Left in Race

Compariso still netree and

aspells, 551, where it intersects Under certain conditions, par-

ment terresies at deliteral cut-CAB ACTION

AVIATION NEWS . Neverber 13, 1844

CAR has given sufficient ad-· City of Roofing Pa, but need promisely by Dec 10 az to the seepe and

New Airway Outlet

eargo statues will stand near by

Non-Schedule Flight

Civil Aeronautics Board has sit-

12. 1945, and has requested the

comprehensive body of informa-

SExemption Order-At present a

general CAB exemption order

Hearing Date Set

 Panis his spired withhelt from ground herbour as middle subvehierd by the Gredot deast Port Authority in the Locks Averdises are i Queted 121 of al. The scalety available count whetheren Arterding for any available de-creased. TWA Claims Record In ATC Operations

strikes formy over Atlanta to Bra-In its contract operations over

a band he solved whiteh from scale. Designed must are largested in the

1944 According to TWA Vice

Operating C-54 Skymaners: the anders, TWA's President Lick Pres-

SHORTLINES

Donales Aircroft Co. Mr. secute gurreging 300 reph. The planes con Delta Air Curp reports that the

Hughes-Frye Reports Reports that TWA's Boward

free the conference, less secred strikely they would

Marr planelle was the

Most Aviation Leaders Remain in Congress

THE DECEMBER MANCHES VECTORIES for Democrats Rep Alfred Bulwinkle (D N. C.), and Rep. Vargel With Sen. Pat McCarran and Rep. Jennings Ranspokesmen appeared assured of their seats in the

Rep. Clare Luce (Rep. Conn.), who chose avincorners senses of Congress Mrs. Luce's colleague from Connections, Rep. William J. Miller (R.), howover your a lower. Miller, a member of the Wandress. Sen. Mon C. Walleren, charman of the aviation

Ren Melyon Mans (R. Miyon), runkony menorsty a nationally known marine air officer. Maay defeat will move Rep. James Meet (R. Oze) to to first Rep Eurone Worley (D Tex.), therman of the

man Cirlian Woodress of the House Postsour Milaviation in the next Congress Rep. Lyridon John-

Chapman (D. Ky.) and Bep. Late Boren (D. Okla.), re-elected. The fifth ranking majority member of

a agner of the minority report against the Lea Bill, on the commuttee re-elected were Leadley Reckworth of Texas, Thomas D'Alexandro, Jr., of Maryland, Percy Priest of Tennessee, Oren Harris of the Lea Rill, were all resolveted. Ben Clarence J. Rosen (Olyn), and Ren Charles Halleck (Indiana)

House Military Affairs Committee was leading in his Kentucky race for revelection late last week, his on Convent was elected to the Senate from the us line in the next Convent. The defeat of Retowerest of Rep Matthew Merritt (D N. Y.), bethe passynther pext year. Hen John Squrkman (D. charmagahar of it is passed over by Ecooks On the Senate rade of Capatel Hall, the only two members of the Sensie Commerce Consection rundee (R Om.) and Sen John H Overton (D Ln.), Current of Arksynna and Bennett C. Clark of Min-

> Chairmanhin of the Senate Millary Affairs Care. the retirement of Sen Robert R Roymolds (D N C) renewation of Honey Bone (D. Wash.) from the

next to Chairman David I Walsh (D. Mass) on the



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Service Men for SUPERFORTS

THERE of these G-E field-service men have just come back from a B-29 base somewhere in the Orient. For several months they serviced B-29s, "sweating it out" at the base as the missions were run, listening to the Jap radio reports of the raids, and then methodically checking turbosuperchargers, pressurized cabins, and gunfire systems when the planes returned. Now, enthusiastic over the potentialities of these great ships, they are back at G.E. checking flight performance records against laboratory tests and lecturing to student engineering classes.

The B-29 program has completely occupied the time of thousands of G-E people for well over a year. For the Superfortress, thousands of special motors have been built, new equipment has been developed—much of it based upon reports from G-E engineers like these who were, and are, at bases throughout the world. G-E men go where they're needed. They are giving outstanding service to members of the Armed Forces on every battlefront. General Electric Combany, Schenetadu 5. N. Y.



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